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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

TECH CENTER 1600/2900

plicant: Van Rooijen et al.

Serial No.: 10/032,201

Filed:

December 19, 2001

For:

**METHODS FOR THE** 

PRODUCTION OF MULTIMERIC PROTEINS COMPLEXES, AND RELATED COMPOSITIONS

Art Unit:

1638

Examiner:

Unassigned

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Alicia Bradbury

8/29/52

## PRELIMINARY AMENDMENT

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U.S. Patent and Trademark Office P.O. Box 2327

Arlington, VA 22202

Dear Sir:

Preliminary to examination of the above-captioned application, please amend the application as follows (a marked-up copy of the amended specification and claims is attached to this Amendment):

## IN THE SPECIFICATION:

Please replace the paragraph on page 1, lines 23-28, with the following;

Multimeric proteins (i.e. proteins comprising multiple polypeptide chains) are a biologically and commercially important class of proteins. Antibodies for example are multimeric proteins which are used to treat a wide range of disease conditions. However in view of their complexity, multimeric proteins frequently represent significant manufacturing challenges.

Please replace the paragraph on page 2, lines 11-14, with the following;

However, there is a need in the art to further improve the methods for the recombinant expression of multimeric proteins, including redox proteins. The

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE,

Applicant: Van Rooijen *et al.* 

Serial No.: 10/032,201

Filed: December 19, 2001

For: METHODS FOR THE PRODUCTION OF MULTIMERIC PROTEIN COMPLEXES,

AND RELATED COMPOSITIONS

Art Unit: 1638

Examiner: Not yet assigned

Commissioner for Patents

P.O. Box 2327, Arlington, VA 22202

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Alicia Bradbury

Arlington, VA 22202

TRANSMITTAL LETTER

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**TECH CENTER 1600/2900** 

Sir:

Transmitted herewith is a Preliminary Amendment for filing with the above-referenced application.

(X)

Box Assignment

The Commissioner is hereby authorized to charge any fees that may be due under 37 C.F.R. §§1.16-1.17 in connection with this paper or with this application during its entire pendency to Deposit Account No. 50-1213. A duplicate of this sheet is enclosed.

Respectfully submitted, HELLER, EHRMAN, WHITE & McAULIFFE LLP

By:

Robert T. Ramos

Registration No. 37,915

Attorney Docket 38814-351B

Address all correspondence to:
Stephanie L. Seidman

HELLER EHRMAN WHITE & McAULIFFE LLP

4350 La Jolla Village Drive, 7th Floor
San Diego, CA 92122-1246

Telephone: (858) 450,8400

Telephone: (858) 450-8400 Facsimile: (858) 587-5360 E-mail: sseidman@HEWM.com